	SNGINEERING	CHANGE NOTICE			1. ECN 643841	
	ENGINEERING	CHANGE NOTICE	Paç	ge 1 of <u>2</u>	Proj. ECN	
				· · · · · · · · · · · · · · · · · · ·		
2. ECN Category (mark one)	 Originator's Name and Telephone No. 	e, Organization, MSIN,	4. USQ Requi	red?	5. Date	
Supplemental [] Direct Revision [X] Change ECN []		Field, Data Assessment erpretation, R2-12, 376-		X] No	09/10/98	
Temporary [] Standby []	6. Project Title/No./Work Order No.		7. Bldg./Sys./Fac. No.		8. Approval Designator	
Supersedure [] Cancel/Void []	Tank 2	41-AW-103	241-AI	√-103	N/A	
	9. Document Numbers	Changed by this ECN 100. and rev.)	10. Related ECN No(s).		11. Related PO No.	
	HNF-SD-WM-EF	R-455, Rev. D-A 4.1.	ECNs: 6438	634631, 811	N/A	
12a. Modification Work	12b. Work Package	12c. Modification Work (Complete		ed to Original Condi- or Standby ECN only)	
[] Yes (fill out Blk.	N/A	N/A			N/A	
12b) [X] No (NA Blks. 12b, 12c, 12d)		Design Authority/Cog. Signature & Da			thority/Cog. Engineer	
13a. Description of Change	<u> </u>	13b. Design Baseline			No	
This ECN is being (-				
•						
•						
14a. Justification (mark o	one)	ra	F.3			
Criteria Change [X] As-Found	Design Improvement Facilitate Const	[] Environmental [] Const. Error/O	mission []		ty Deactivation [] Error/Omission []	
		[] const. error/c	MIISSION []	vesigii	ETTOT/OHITSSTOTE []	
14b. Justification Details Change is required shell tank.		was identified as	a single-s	shell and	it is a double-	
	•					
15. Distribution (include	name, MSIN, and no. o	of copies)			RELEASE STAMP	
See attached distr	ibution.					
				DATE:	3	
				STA:	HANFORD ID:	
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A-7900-013-2 (05/96) GEF095			İ			

ENGINEERING CHANGE NOTICE					1. ECN (use no. from pg	i . 1)		
			Page	2 of 2	ECN-643841	- 1		
16. Design 17. Cost Impact						18. Schedule Impact (days)		
Verification	ENGINE	ERING	CON	STRUCTION				
Required	Additional	Γ ገ \$	Additional	Γ] \$;	Improvement []	ļ	
	Savings	L] ∜	Savings	ווו נו		Delay [7]		
[X] No		LJ <u>Ψ</u>		<u> </u>		cuments identified on Side 1	,	
that will be af	fected by the char	nge described :	in Block 13. Ente	r the affe	cted docum	ent number in Block 20.		
SDD/DD	[]	Seismic	/Stress Analysis	[]			[]	
Functional Design Criteria	• []	Stress/	Design Report	[]		Health Physics Procedure	[]	
Operating Specification	[]	Interfac	e Control Drawing	[]		Spares Multiple Unit Listing]	
Criticality Specification	[]	Calibrat	ion Procedure	[]		Test Procedures/Specification	[]	
Conceptual Design Repor	rt []	Installa	tion Procedure	[]		Component Index	[]	
Equipment Spec.	ĒĴ	Mainter	nance Procedure	. []		ASME Coded Item]	
Const. Spec.	ĒĪ	Engine	ring Procedure	[]		Human Factor Consideration]	
Procurement Spec.	Γī	Operati	ng Instruction	ĒĴ		Computer Software]	
Vendor Information	ក់រ	Operati	ng Procedure	ΪĪ		Electric Circuit Schedule	:	
OM Manual	ัก กั	Operati	onal Safety Requireme	nt []		ICRS Procedure	-j l	
FSAR/SAR	֡ <u>֚</u> ֞֞֞֞֞֞֞֞֞֞֞֞	IEFD D	awing	ก้า		Process Control Manual/Plan	- j	
Safety Equipment List	רֹז	Cell Arr	angement Drawing	เก๋		Process Flow Chart		
Radiation Work Permit	[]	Essenti	al Material Specificatio	רוֹן יי		Purchase Requisition		
Environmental Impact St	atement [7]	Fac. Pro	oc. Samp. Schedule	[].		Tickler File	=	
Environmental Report	LJ F3	Inspect	ion Plan	[]		[=	
Environmental Permit	L J []	Invento	ry Adjustment Request	: []		[== 1	
20. Other Affected Documents: (NOTE: Documents listed below will not be revised by this ECN.) Signatures below indicate that the signing organization has been notified of other affected documents listed below. Document Number/Revision Document Number/Revision Document Number Revision N/A								
21. Approvals	· · ·							
	Signature		Date	Daniem ter	Signa	iture Da	te	
Design Authority	00 = 1	0./	- 	Design Age	ent	· 		
Cog. Eng. J.G. Fie	eld (1) Sel 10	The selection	9/10/96	PE		 		
Cog. Mgr. K.M. Hal	11 Trackleen	My Joseph	4/10/98	QA				
QA				Safety				
Safety				Design				
Environ.				Environ.				
Other				Other		. 		
				<u>DEPARTMENT</u>				
				Signature tracks the	or a Cont Approval	rol Number that Signature		
				ADDITIONAL				
				MODITIONAL	=			
								
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Tank Characterization Report for Double-Shell Tank 241-AW-103

Jim G. FieldLockheed Martin Hanford Corp., Richland, WA 99352
U.S. Department of Energy Contract DE-AC06-87RL10930

EDT/ECN: ECN-643841

UC: 2070

Org Code: 7A120 B&R Code: EW 3120074 Charge Code: N4G4C Total Pages: /844

Key Words: Waste Characterization, Double-Shell Tank, DST, Tank 241-AW-103, Tank AW-103, AW-103, AW Farm, Tank Characterization Report, TCR, Waste Inventory. TPA Milestone M-44

Abstract: This document summarizes the information on the historical uses, present status, and the sampling and analysis results of waste stored in Tank 241-AW-103. This report supports the requirements of the Tri-Party Agreement Milestone M-44-15B.

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- 9/10/98

STA: 4 RELEASE 2.

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RECORD OF REVISION

(1) Document Number WHC HINF-SD-WM-ER-455

Page 1

(2) Title

Tank Characterization Report for Double-Shell Tank 241-AW-103

	CHANGE CONTROL RECORD	•				
(3) Revision	(4) Description of Change - Replace, Add, and Delete Pages	Authorized for Release (5) Cog. Engr. (6) Cog. Mgr. Date				
0	(7) Initially released 7/13/95 on EDT 612550.	K. M. Hodgson	J. G. Kristofzski			
ρ\$ 0A·	Incorporate per ECN-634631.	M. J. Kupfer	K. M. Hodgson 15.M. Wodg_ B-≥8-98			
35 <u>1</u>	Incorporate per ECN-643811.	J.G. Field 9.4. Field 7/31/98	K.M. Hall Faihles 3,24 7/31/98			
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Tank Characterization Report for Double-Shell Tank 241-AW-103

J. G. Field S. R.Wilmarth Lockheed Martin Hanford Corp.

M. D. Crippen
COGEMA Engineering Corporation

Date Published September 1998

Prepared for the U.S. Department of Energy Assistant Secretary for Environmental Management

FLUOR DANIEL HANFORD, INC.



P.O. Box 1000 Richland, Washington

Hanford Management and Integration Contractor for the U.S. Department of Energy under Contract DE-AC06-96RL13200

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